

In The Specification:

Please replace the title, at page 1, line 1, with the following re-written title:

*b* Fibronectin Precursor Biopolymer [Marker] Markers  
[Predictive] Indicative Of Alzheimers Disease

Please replace the paragraph beginning at page 37, line 5, with the following rewritten paragraph:

*b1* Figure 2 is a trypsin digested spectra graph depicting the ions 1356.65, 1625.84 and 1818.97. SEQ ID NOS:1-3 are shown in the table, listed top to bottom.

Please replace the paragraph beginning at page 40, line 10, with the following rewritten paragraph:

Preparatory Protocols:

Any of these protocols may be selected from a column flow-through stream, a column elution stream, or a column scrub stream.

Hi Q is a strong anion exchanger made of methyl acrylate co-polymer with the functional group:  $-N^+(CH_3)_2$ ;

*b2* Hi S is a strong cation exchanger made of methyl acrylate co-polymer with the functional group:  $-SO_3^-$ ;

DEAE is a diethylaminoethyl which is a weak cation exchanger made of methyl acrylate co-polymer with the functional group:

b2  
cont  
-N<sup>+</sup>(C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>;

PS is phenyl [sepharose] SEPHAROSE;

BS is butyl [sepharose] SEPHAROSE.

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Please replace the paragraph beginning at page 40, line 23,  
with the following rewritten paragraph:

b3  
Note that the supports, i.e. methyl acrylate and [sepharose] SEPHAROSE are different, but non-limiting examples, as the same functional group on different supports will function, albeit possibly with different effects.

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Please replace the paragraph beginning at page 41, line 18,  
with the following rewritten paragraph:

Butyl [sepharose] SEPHAROSE column protocol:

- b4
- 1) Cast 150  $\mu$ l bed volume column;
  - 2) Equilibrate column in 5 bed volumes of 1.7 M  $(\text{NH}_4)_2\text{SO}_4$  in 50 mM PB pH 7.0 (binding buffer);
  - 3) Dissolve 35  $\mu$ l of sera in 465  $\mu$ l of binding buffer and apply;
  - 4) Wash column in 5 bed volumes of binding buffer;
  - 5) Elute column in 120  $\mu$ l of 0.4 M  $(\text{NH}_4)_2\text{SO}_4$  in 50 mM PB pH 7.0;
  - 6) Elute column in 120  $\mu$ l of 50 mM PB pH 7.0;

*b6  
b7c*

7) Scrub column with 120  $\mu$ l sequentially with each of 0.1% triton, 1.0% triton and 2% SDS in 62.5 mM Tris pH 6.8.

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Please replace the paragraph beginning at page 42, line 10, with the following rewritten paragraph:

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Phenyl [sepharose] SEPHAROSE column protocol:

- 1) Cast 150  $\mu$ l bed volume column;
- 2) Equilibrate column in 5 bed volumes of 1.7 M  $(\text{NH}_4)_2\text{SO}_4$  in 50 mM PB pH 7.0 (binding buffer);
- 3) Dissolve 35  $\mu$ l of sera in 465  $\mu$ l of binding buffer and apply;
- 4) Wash column in 5 bed volumes of binding buffer;
- 5) Elute column in 120  $\mu$ l of 0.2 M  $(\text{NH}_4)_2\text{SO}_4$  in 50 mM PB pH 7.0;
- 6) Elute column in 120  $\mu$ l of 50 mM PB pH 7.0;
- 7) Scrub column with 120  $\mu$ l sequentially with each of 0.1% triton, 1.0% triton and 2% SDS in 62.5 mM Tris pH 6.8.
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